# Features and Benefits

## MasterConsole® CAT

| Features | Benefits |
|---|---|
| **Hardware** | |
| *Space-Saving Design* | All MasterConsole CAT (MCCAT) units are only 1U in height, taking up little space in the server room. |
| *Video Display* | Supports the highest video resolution of up to 1600 x 1200 @ 60Hz at 100 feet and 1280 x 1024 at 150 feet. |
| *MasterConsole Computer Interface Module (MCIM) Technology* | MCIMs with "keep-alive" technology allow users to add, remove and hot-swap components without interruption to the live servers. |
| *Multiplatform MCIMs* | MCIMs are available in USB and PS/2 for support of various servers and devices in your data center.<br><br>The single-user models (MCCAT18/116) support MS-DOS, Windows® 2000/2003/NT/XP/Vista®, Linux® (Red Hat, Novell® Suse) and SCO UNIX®. The two-user models (MCCAT28/216) support the above platforms as well as Macintosh® OS9, OSX and Sun® Solaris™. |
| *New MCUTP Cabling Options* | MCUTP cable is a brand new option for the MCCAT product line. It integrates Raritan's Computer Interface Module (CIM) and UTP cable for easier cabling management. Cables provide PS/2, USB and Sun USB support and come in lengths of 2, 6, 13 and 20 feet.<br><br>Also, Raritan's CIM, with PS/2, USB, Sun and serial support, provides up to 150 feet between the target server or serial devices and the switch with the current server room's cabling infrastructure.<br><br>These two cabling options assign and retain unique server names for each attached server automatically. They make installation and re-configuration simple and easy. |
| *AC Power: 110/220V Auto-Switching* | An integrated power supply ensures proper power provision and system reliability. |
| **Connectivity** | |
| *Single and Dual-User Models* | MasterConsole CAT is available in one and two-user models, so up to two users can have simultaneous KVM sessions without blocking. |
| *Simple Installation* | Plug-and-play installation, auto-configuration along with easy-to-use, on-screen displays. |

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| *Cross-Platform and Hardware Independent* | Works with a mixture of servers that have PS/2 and USB interfaces, including Sun USBs. |
| *Cat5 Simplicity™* | Utilizes Cat5e cabling to carry KVM signals from the modules (MCIMs) to a single-user console. |
| *Long-Distance Video Quality* | With the two-user MasterConsole CAT (MCCAT28/216) and a User Station, the second user can be up to 650 ft (198m) from the switch for "lights-out" server room access.<br><br>**The MasterConsole CAT User Station (MCCAT-UST)** can be placed up to 100 feet away from the switch.<br><br>**The Paragon® II User Station (P2-EUST)** can be placed up to 650 feet away from the switch. |
| *Target Labeling* | Targets can be labeled with device names. This allows easier server selection from the on-screen menu. |
| *Scalability/Cascading* | Users can control up to eight or 16 servers. With the MCCAT116 and MCCAT216 models, users can control up to 256 servers by cascading the units. |
| **Management** | |
| *Password Authentication* | Support of one administrator and 127 user profiles for basic management. |
| *AutoScan and AutoSkip* | AutoScan allows users to scan servers at variable rates. AutoSkip bypasses inactive channels. |
| *Screen Saver* | A screen saver feature is provided in addition to the already supported Green Mode feature. |
| *Backward Compatibility* | MCCAT is compatible with existing MasterConsole equipment, allowing for investment protection and continued ROI. |

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